2019 CERTIFICATION Y 26 AM 7: 57

Consumer Confidence Report (CCR) Public Water System Name List PWS ID #s for all Community Water Systems included in this CCR The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH. Please check all boxes that apply. Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other) ☐ Advertisement in local paper (Attach copy of advertisement) X ☐ On water bills (Attach copy of bill) ☐ Email message (Email the message to the address below) П ☐ Other Date(s) customers were informed: 5/20/2020 \0/20/2020 7/20/2020 CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used Date Mailed/Distributed: / / CCR was distributed by Email (Email MSDH a copy)

Date Emailed: / / 2020 ☐ As a URL _____ (Provide Direct URL) ☐ As an attachment П ☐ As text within the body of the email message CCR was published in local newspaper. (Attach copy of published CCR or proof of publication) П Name of Newspaper: Date Published: ____/_/ Date Posted: / / 2020 CCR was posted in public places. (Attach list of locations) CCR was posted on a publicly accessible internet site at the following address: I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department CERTIFICATION of Health, Bureau of Public Water Supply rana Hondy - Managey Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.) Date **Submission options** (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

**Not a preferred method due to poor clarity **

CCR Deadline to MSDH & Customers by July 1, 2020!

2019 Annual Drinking Water Quality Report Greenfield Water Association, Inc. PWS#: 0610011 April 2020

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Cockfield Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Greenfield have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Johnny Jones, President at 601.825.7178. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the last Thursday of each month at 6:00 PM at the office located at 1608 HWY 469 N, Pearl, MS 39208.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10.000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

| | | F (In- | | TEST RES | SULTS | | | |
|-------------|------------------|-------------------|-------------------|---|--------------------------|------|-----|--------------------------------|
| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measure- ment | MCLG | MCL | Likely Source of Contamination |

| | | S | | | | | | | | | | |
|-------|---------------------------------------|---|---|--|---|--------|---|------------------------------------|---|---|---|---|
| N | 2018 | | .0023 | .00130023 | | ppm | | | 2 | | dis | scharge of drilling wastes; scharge from metal refineries; osion of natural deposits |
| N | 2018 | | 3.5 | 2.2 – 3.5 | | ppb | | | 100 | 1 | | scharge from steel and pulp lls; erosion of natural deposits |
| N | 2015/1 | 7* | .3 | 0 | | ppm | | | 1.3 | AL=1 | sy de | orrosion of household plumbing stems; erosion of natural posits; leaching from wood eservatives |
| N | 2018 | | .274 | v131274 | | ppm | | | 4 | | ad tee | osion of natural deposits; water ditive which promotes strong eth; discharge from fertilizer and uminum factories |
| N | 2015/1 | 7* | 1 | 0 | | ppb | | | 0 | AL= | sy | orrosion of household plumbing stems, erosion of natural posits |
| a By- | Product | ts | | | | | | | | | | |
| N | 2017* | 9 | | No Range | pp | b | | 0 | | 60 | | oduct of drinking water |
| N | 2017* | 19 | .5 | No Range | pp | b | 9 | 0 | | 80 | | oduct of drinking water nation. |
| N | 2019 | 1 | | .50 – 1.5 | pp | m | | 0 | MDF | RL = 4 | | additive used to control |
| d Co | ntamina | ints | | | | | | | | | | |
| N | 2019 | | | 83000 - 110000 | PF | РВ | NON | E | ١ | NONE | | Salt, Water Treatment icals, Water Softeners and |
| | N N N N N N N N N N N N N N N N N N N | N 2018 N 2018 N 2015/1 N 2015/1 N 2015/1 N 2017* N 2017* N 2019 d Contamina | N 2018 N 2015/17* N 2018 N 2015/17* N 2015/17* N 2017* 9 N 2017* 19 N 2019 1 d Contaminants | N 2018 .0023 N 2018 3.5 N 2015/17* .3 N 2018 .274 N 2015/17* 1 By-Products N 2017* 9 N 2017* 19.5 N 2019 1 d Contaminants | N 2018 .0023 .00130023 N 2018 3.5 2.2 - 3.5 N 2015/17* .3 0 N 2018 .274 .131274 N 2015/17* 1 0 n 2017* 9 No Range N 2017* 19.5 No Range N 2019 1 .50 - 1.5 d Contaminants | N 2018 | N 2018 .0023 .00130023 ppm N 2018 3.5 2.2 - 3.5 ppb N 2015/17* .3 0 ppm N 2018 .274 .131274 ppm N 2015/17* 1 0 ppb N 2017* 9 No Range ppb N 2017* 19.5 No Range ppb N 2019 1 .50 - 1.5 ppm d Contaminants | N 2018 .0023 .00130023 ppm | N 2018 .0023 .00130023 ppm N 2018 3.5 2.2 - 3.5 ppb N 2015/17* .3 0 ppm N 2018 .274 .131274 ppm N 2015/17* 1 0 ppb N 2017* 9 No Range ppb 0 N 2017* 19.5 No Range ppb 0 N 2019 1 .50 - 1.5 ppm 0 d Contaminants | N 2018 .0023 .00130023 ppm 2 N 2018 3.5 2.2 - 3.5 ppb 100 N 2015/17* .3 0 ppm 1.3 N 2018 .274 .131274 ppm 4 N 2015/17* 1 0 ppb 0 N 2017* 9 No Range ppb 0 N 2017* 19.5 No Range ppb 0 N 2019 1 .50 - 1.5 ppm 0 MDR d Contaminants | N 2018 .0023 .00130023 ppm 2 N 2018 3.5 2.2 - 3.5 ppb 100 1 N 2015/17* .3 0 ppm 1.3 AL=: N 2018 .274 .131274 ppm 4 N 2015/17* 1 0 ppb 0 AL= N 2017* 9 No Range ppb 0 60 N 2017* 19.5 No Range ppb 0 80 N 2019 1 .50 - 1.5 ppm 0 MDRL = 4 d Contaminants | N 2018 .0023 .00130023 ppm 2 2 Didical disconnection N 2018 3.5 2.2 - 3.5 ppb 100 100 Did disconnection N 2015/17* .3 0 ppm 1.3 AL=1.3 Construction N 2018 .274 .131274 ppm 4 4 End and the products N 2015/17* 1 0 ppb 0 AL=15 Construction N 2017* 9 No Range ppb 0 60 By-Prodisinfer N 2017* 19.5 No Range ppb 0 60 By-Prodisinfer N 2019 1 .50 - 1.5 ppm 0 MDRL = 4 Water microtic O MDRL = 4 Water |

^{*} Most recent sample. No sample required for 2019. ** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2PPM.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 4. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 61%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Greenfield Water Association, Inc. works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

WB-B-GP • Water Billing Cards To Reorder Cail 866-787-2455 RVS Utility Billing Systems

Greenfield Water Assn. 1608 HWY 469 N **PEARL, MS 39208** 601-825-7178

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Brandon 725 PERMIT NO.

| TYPE OF | METER F | READING | USED | CHARGES |
|------------|--------------|----------|-------|---------|
| SERVICE | PRESENT | PREVIOUS | 6025 | |
| Water | 47000 | 44000 | 3,000 | 15.50 |
| Sewage | e | | | 26.25 |
| _ | rey Fire Dep |) | | 3.00 |

| cus | OMER | DUE DATE | | | |
|-----------|--------------|--------------------------|--|--|--|
| ROUTE | ACCOUNT | PAST DUE AFTER THIS DATE | | | |
| 2 | 1877 | 6/10/20 | | | |
| TOTAL DUE | JPON RECEIPT | PAST DUE AMOUNT | | | |
| 4 | 4.75 | 54.75 | | | |

MAIL THIS STUB WITH YOUR PAYMENT

ACCOUNT Service From 4/15/2020 TO 5/18/2020 1877 5/20/2020

PAST DUE AMOUNT TOTAL DUE LATE CHARGE AFTER DUE DATE 54.75 10.00 18 44.75 Important information about your drinking water is available in 2019 CCR **ROBIN BUTLER 405 CEDAR TRCE** PEARL MS 39208-8612

Report @ http://ccrwater.net/greenfieldwaterassn-68675. You may request a hard copy by calling the office. Online bill pay @ http://greenfieldwaterassn.myruralwater.com Office closes daily from 11:30am to 1:00pm.

Greenfield Water Assn. 1608 HWY 469 N PEARL, MS 39208 601-825-7178

582

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PERMIT NO

TYPE OF SERVICE METER READING USED CHARGES PRESENT PREVIOUS 70000 4,000 18.50 74000 Water 35.00 Sewage 3.00 Monterey Fire Dep (5.25)Credit

Greenfield Water Assn.

| cus | TOMER | DUE DATE |
|-----------|--------------|--------------------------|
| ROUTE | ACCOUNT | PAST DUE AFTER THIS DATE |
| 2 | 685 | 6/10/20 |
| TOTAL DUE | UPON RECEIPT | PAST DUE AMOUNT |
| 5 | 1.25 | 61.25 |
| | | |

MAIL THIS STUB WITH YOUR PAYMENT

Service From 4/15/2020 TO 5/18/2020 5/20/2020

ACCOUNT

685

TOTAL DUE UPON RECEIPT METER READ CLASS 582 51.25 10.00 18

CAROLYN PHILLIPS 407 CEDAR TRCE PEARL MS 39208-8612

Important information about your drinking water is available in 2019 CCR Report @ http://ccrwater.net/greenfieldwaterassn-68675. You may request a hard copy by calling the office. Online bill pay @ http://greenfieldwaterassn.myruralwater.com Office closes daily from 11:30am to 1:00pm.

Greenfield Water Assn. 1608 HWY 469 N **PEARL, MS 39208** 601-825-7178

RETURN SERVICE REQUESTED

FIRST-CLASS MAIL S. POSTAGE PAID Brandon 725 PERMIT NO

| TYPE | METER REA | ADING | USED | CHARGES |
|---------|--------------|----------|-------|---------|
| SERVICE | PRESENT | PREVIOUS | USED | |
| Water | 97000 | 89000 | 8,000 | 30.50 |
| Sewage | e | | | 70.00 |
| _ | rev Fire Dep | | | 3.00 |

6/10/20 1866 TOTAL DUE UPON RECEIPT PAST DUE AMOUNT 113.50 103.50

Greenfield Water Assn.

MAIL THIS STUB WITH YOUR PAYMENT